

POSITIONS, AREAS, AND COUNTS OF SUNSPOTS FOR MAY 1944
POSITIONS, AREAS, AND COUNTS OF SUNSPOTS FOR MAY 1944—Continued
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[Communicated by Capt. J. F. Hellweg, U. S. N. (Ret.) Superintendent, U. S. Naval Observatory. All measurements and spot counts were made at the Naval Observatory from plates taken at the observatories indicated. Difference in longitude is measured from the central meridian, positive toward the west. Latitude is positive toward the north. Areas are corrected for foreshortening and expressed in millions of Sun's hemisphere. For each day, under longitude, latitude, area of spot or group, and spot count are included assumed longitude of center of the disk, assumed latitude of center of the disk, total area of spots and groups and total spot count.]

Date	East- ern stand- ard time	Mount Wilson group No.	Heliographic						Observatory	
			Dif- ference in longi- tude	Lon- gi- tude	Lat- i- tude	Dis- tan- ce from center of disk	Area of spot or group	Spot count	Plate qual- ity	
1944 May 1	h m	o	o	o	o				VG	U. S. Naval
	10 40	—	—	No spots	—	—	—	—	—	—
	2 10 20	—	—	No spots	—	—	—	—	G	Do.
	3 10 59	—	—	No spots	—	—	—	—	G	Do.
	4 10 53	—	—	No spots	—	—	—	—	F	Do.
	5 10 59	—	—	No spots	—	—	—	—	G	Do.
	6 11 2	—	—	No spots	—	—	—	—	P	Do.
	7 11 11	—	—	No spots	—	—	—	—	F	Do.
	8 11 1	—	—	No spots	—	—	—	—	G	Do.
	9 10 41	—	—	No spots	—	—	—	—	F	Do.
	10 11 11	—	—	No spots	—	—	—	—	F	Do.
	11 10 57	—	—	No spots	—	—	—	—	G	Do.
	12 10 45	—	—	No spots	—	—	—	—	G	Do.
	13 11 6	—	—	No spots	—	—	—	—	G	Do.
	14 10 33	—	—	No spots	—	—	—	—	G	U. S. Naval.
	15 10 48	—	—	No spots	—	—	—	—	G	Do.
	16 11 31	—	—	No spots	—	—	—	—	F	Do.

Date	East- ern stand- ard time	Mount Wilson group No.	Heliographic						Area of spot or group	Spot count	Plate qual- ity	Observatory
			Dif- ference in longi- tude	Lon- gi- tude	Lat- i- tude	Dis- tan- ce from center of disk	Area of spot or group	Spot count				
1944 May 17	h m	o	o	o	o	o	o	o	No spots	—	F	Do.
18	11 12	—	—	—	—	—	—	—	No spots	—	G	Do.
†19	12 22	—	—	—	—	—	—	—	No spots	—	—	Mt. Wilson.
†20	10 35	—	—	—	—	—	—	—	No spots	—	—	Do.
†21	11 20	—	—	—	—	—	—	—	No spots	—	—	Do.
†22	11 0	—	—	—	—	—	—	—	No spots	—	—	Do.
23	11 11	—	—	—	—	—	—	—	No spots	—	F	U. S. Naval.
†24	13 30	—	—	—	—	—	—	—	No spots	—	—	Mt. Wilson.
†25	12 30	—	—	—	—	—	—	—	No spots	—	—	Do.
†26	12 44	—	—	—	—	—	—	—	No spots	—	—	Do.
†27	12 36	—	—	—	—	—	—	—	No spots	—	—	Do.
28	10 38	7641	—12	163	—22	22	48	7	G	U. S. Naval.	—	—
			(175)	(−1)			48	7				
29	10 41	7641	−2	164	−22	21	36	5	G	Do.	—	—
			(162)	(1)			36	5				
30	10 51	7641	+17	166	−22	27	6	2	G	Do.	—	—
		7642	+48	197	+1	48	48	12				
			(149)	(−1)			54	14				
31	11 6	7642	+62	198	+2	62	61	3	G	Do.	—	—
		7642	+66	202	+1	66	109	4				
			(136)	(−1)			170	7				

Mean daily area for 31 days = 10

 †Data taken from Mount Wilson charts.
 VG = very good; G = good; F = fair; P = poor.
